

## PART1: SAFETY INFORMATION

Please read this operating manual carefully before starting the appliance. Keep it in a safe place for future reference. If the appliance is passed on to another person, this instruction manual must be handed over to the user along with it. The manufacturer cannot be held liable for damage resulting from improper usage or incorrect operation.

### REMINDER:

- To Keep Portable fridge upright for 3-4 hours after delivery.
- **On/Off button should be pressed for 5 seconds to activate**
- Fridge Compressor will start to run 3 min after switch-on
- Fridge Compressor will stop working once it reaches temp selected and will restart after internal temperature rise 3 degree higher than selected. Work-stop-rework is the working cycle fridge follows, which is normal.
- If goods received damaged or defective, please contact the shop you buy from, or contact us at service@eateron.com

### WARNING

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised that they do not play with the appliance.
- Cleaning and user maintenance shall not be carried out by children without supervision.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Do not use this appliance near direct heat sources, for example, a cooker, radiator or exposing it to direct sunlight.
- The appliance shall not be exposed to rain. Place the refrigerator on a dry, protected surface, away from edges.

### NOTICE

- No responsible for the damage by ignoring the safety instructions.
- The use of accessories that are not recommended by Manufacturer can cause injuries and will invalidate any warranty that you may have.
- Place the products so that they do not collide against each other or break when the appliance is in motion.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Disconnect the power cable from the plug before carrying out any maintenance.
- Do not place carbonated drinks and gaseous drinks under 0°C(32°F) in this appliance.

### CAUTION

- Keep ventilation openings, clear of obstruction in the appliance enclosure or in the built-in structure.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by.
- Do not place ice or liquids which are not sealed in containers within the refrigerator.
- Do not place hot products or hot food in this appliance.

## CORRECT DISPOSAL OF THIS PRODUCT:

To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources.

To return your used device, please use the recovery systems or contact the retailer that they can take this product for environmental safe recycling.

- Risk of child entrapment.  
Before you throw away your old refrigerator or freezer:
- Take off the doors.
- Leave the shelves in place so that children may not easily climb inside.

## PART 2: DATA SHEET

Brand	B BINGI
Refrigeration	Compressor Cooling
Input(V)	DC Voltage: 12V/24V AC Voltage: 100-240V
Temperature Range	-18~15 °C / 0~59 °F
Door Open	Top Loading
Control Type	Led Display, Touch Control
Usage	Inside Car, Camping, House (by AC Adaptor)
Working Temp	-5~38°C

Model No.	Capacity(L)	Product Dimension(mm)	N.W. kg	Average Power(W)
HC-12P	12.8	440 x 330 x 285	7.7	40
HC-18P	18	440 x 330 x 340	8.3	46
HC-22P	22	440 x 330 x 380	9.3	50
HC-24P4 / G2	24	580 x 325 x 325	11.2/13.4	50
HC-30P	30	525 x 362 x 410	11.7	55
HC-38P	38	525 x 362 x 490	13.3	55
HC-42P	42	525 x 362 x 525	13.9	55

## PART3: ACCESSORY LIST

- Standard accessory : DC line
- AC adapter is required for household use



DC Connecting line



AC Adaptor

## PART4: POWER CONNECTING

Usage	Instructions
Inside Car	1.Connect DC cable to refrigerator first
	2.Then Connect DC cable to Car Battery terminal
	3.Press “” button , Refrigerator starts working
Indoor Use	1.Choose BINGI AC Adaptor
	2.Connect AC Adaptor to refrigerator
	3.Connect Adaptor to Power supply from home

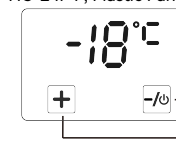
## PART5: CONTROL & SETTING

### 1.Panel Set

HC-12P , HC-18P , HC-22P



HC-24P4 , Plastic Panel



Temp Display  
Temp -/On/Off  
Temp +

HC-24G2 , Glass Panel



Multi-Display  
On/Off  
Temp +/-

HC-30,HC-38,HC-42




### 2.ICONs

ICON	Status	Description
Compressor Status “”	Off	Fridge Compressor stops
	On	Fridge Compressor works
“- 88”	blinking	Temperature Under Setting
	Non-blinking	Actual temp of cabinet inside
°C	---	Celsius degree
°F	---	Fahrenheit degree
H	---	High level of Battery Protection
M	---	Middle level of Battery Protection
L	---	Low level of Battery Protection
MAX	---	Fast Refrigeration
ECO	---	Eco

### 3.BUTTONS:

Button	Operation	Description
	On / Off	• To press 5 seconds to activate
“ + ”	Increase temperature	• Highest temperature: 15°C/59°F • To increase one degree by short pressing • To increase continuously by pressing for two seconds
“ - ”	Decrease temperature	• Lowest temperature: -18°C/0°F • To decrease one degree by short pressing • To decrease continuously by pressing for two seconds

HC-24G2	Setting Lock	All buttons on panel will be locked again if no further operations within 10 seconds after activated		
	Unlock	To press“  <table> <tr> <td>HC-30/38/42</td><td>Setting</td><td>Long press Setting button for 5 seconds, it will show E1 first, press setting button again to switch into E2 or E3 E1 : By pressing “+/-”to switch between MAX &amp; ECO Mode E2 : By pressing“+/-” to switch among High/Middle/Low battery protection E3 : By pressing “+/-”to switch between Celsius/ Fahrenheit degree</td></tr> </table>	HC-30/38/42	Setting
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Battery Protection (HC-12/18/22/24)	DC 12V		DC 24V	
	Cut-out	Cut-in	Cut-out	Cut-in
	9.6V	10.9V	21.3V	22.7V

Battery Protection (HC-30/38/42)	DC 12V		DC 24V	
	Cut-out	Cut-in	Cut-out	Cut-in
High level	11.5V	12.5V	24.6V	25.9V
Middle level	10.5V	11.5V	22.6V	23.9V
Low level	9.0V	11.0V	21.6V	22.9V

Remarks:

- Voltages above is for reference, actual voltage may vary due to different battery status
- Default protection Selection from Manufacturer is Middle level
- Manufacturer advice: Please select High level protection to avoid killing old battery

## PART6: TROUBLE SHOOTING

•Out of order

--- No icon on Led means power disconnection

check power connection, or cross check by connecting AC and DC cables.

--- If only On/Off icon is on and no temperature display, it means refrigerator switched off

Press On/OFF button for 5 seconds to switch on.

---To Ensure refrigerator exhaust heating easily: 15cm space needed for ventilation

---To check battery status

•Abnormal noise

---Refrigerator on uneven place

---compressor noise is bigger when switching on, it will reduce soon

•Noise similar like water flow

---it is normal as refrigerant is working.

•Poor Cooling

---To check door closed well or not

---To remove anything that stop compressor heat-exhausting

---To check mode selection

---Follow self-check guidance on internal cover of Door

•Water condensation on refrigerator

---It happens when air humidity is high and temperature of refrigerator body is low,

please clean water in time

•Show Error Code on Led Panel

Error Code	Error Description	Explanation & Advice
P01	Temperature of Compressor control Board is high	Temperature of Compressor control board is too high (>85°C) check heat exhaust to make enough space for ventilation; or switch off refrigerator first, and switch on again after 30 min
P02	Sensor fault	Sensor is short/break circuit. Advice: Switch off fridge first and Switch on again after 10 min
P03	Fan motor fault	Sensor is short circuit or break circuit. Advice: Switch off fridge first and Switch on again after 10 min
P04	Voltage input fault (Too high/Too low)	12V: Input voltage≤9.6V or ≥17; 24V: Input voltage≤21.3V or ≥31.5V Advice: check battery status; for model HC-30/38/42, Switch into lower protection class to try
P05	Electric current overload	Compressor too hot or refrigeration system pressure is too big, compressor stops working. Advice: Switch off fridge and keep enough space for heat exhaust, after 5 min, switch on fridge to try again
P06	Compressor starting defection	refrigeration system pressure is too big to start compressor. Advice: To switch off fridge and keep enough space for heat exhaust, after 5 min, switch on fridge to try again

## PART 7: AFTER SALE SERVICE

- One year warranty
- Damages or problems Listed below are not within warranty:

--- Deliberate damage

--- Caused by Force majeure

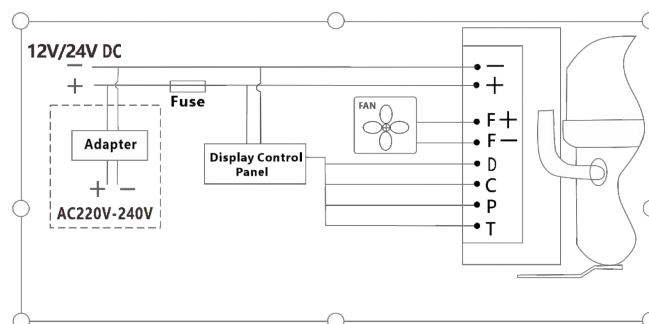
--- Caused by unproper operation

--- Repair or breakdown by unauthorized person

In case after-sale service needed, please contact us via shop where you buy, or e-mail at [service@eateron.com](mailto:service@eateron.com)

## PART8: WIRING DIAGRAM

Attached: Wiring Connections



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# Portable Refrigerator

## User's Manual



Model No:

HC-12P / HC-18P / HC-22P

HC-24P / HC-24G

HC-30P / HC-38P / HC-42P

Please keep Refrigerator upright for 4 hours before first use